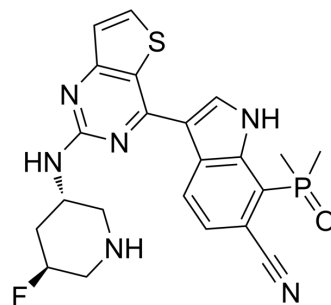


CDK7-IN-26

Cat. No.:	HY-157210
CAS No.:	3024545-79-4
Molecular Formula:	C ₂₂ H ₂₂ FN ₆ OPS
Molecular Weight:	468.49
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CDK7-IN-26 (compound 36) is an orally active CDK7 inhibitor (IC ₅₀ : 7.4 nM). CDK7-IN-26 potently inhibits the growth of triple-negative breast cancer (TNBC) cell line-derived xenograft (CDX) tumors in vivo and inhibits MDA-MB-453 cells in vitro with an IC ₅₀ of 0.15 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 7.4 nM (CDK7) ^[1]

REFERENCES

[1]. Zhang H et al. Discovery and optimization of thieno [3, 2-d] pyrimidine derivatives as highly selective inhibitors of cyclin-dependent kinase 7[J]. European Journal of Medicinal Chemistry, 2023: 115955.

Caution: Product has not been fully validated for medical applications. For research use only.

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